

**CATHETER LEAD PLACEMENT SYSTEM AND METHOD****ABSTRACT OF THE DISCLOSURE**

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A catheter system includes a mapping catheter having an open lumen and a mapping arrangement provided at a distal end of the mapping catheter. A balloon catheter is movably disposed within the open lumen of the mapping catheter. The balloon catheter has an open lumen dimensioned to receive a lead. A balloon

10 arrangement is provided at a distal end of the balloon catheter and inflatable with an inflation mechanism provided at a proximal end of the balloon catheter. The balloon arrangement is dimensioned to prevent movement of the lead upon inflation of the balloon arrangement, and to permit movement of the lead within the open lumen of the balloon catheter upon deflation of the balloon arrangement.